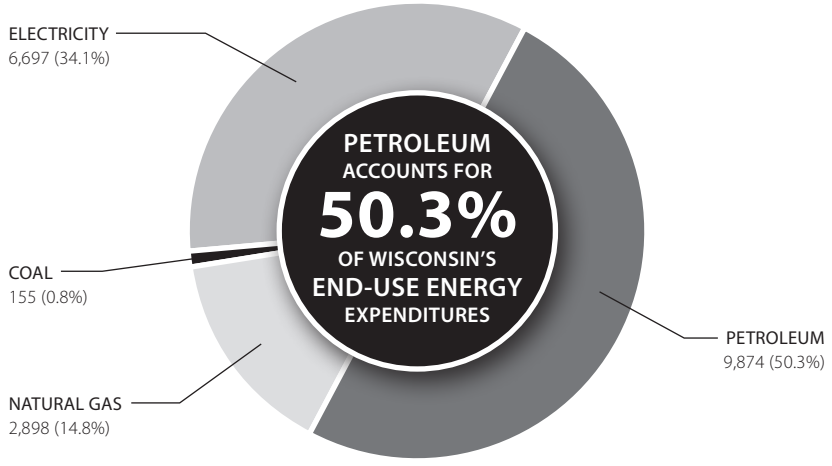
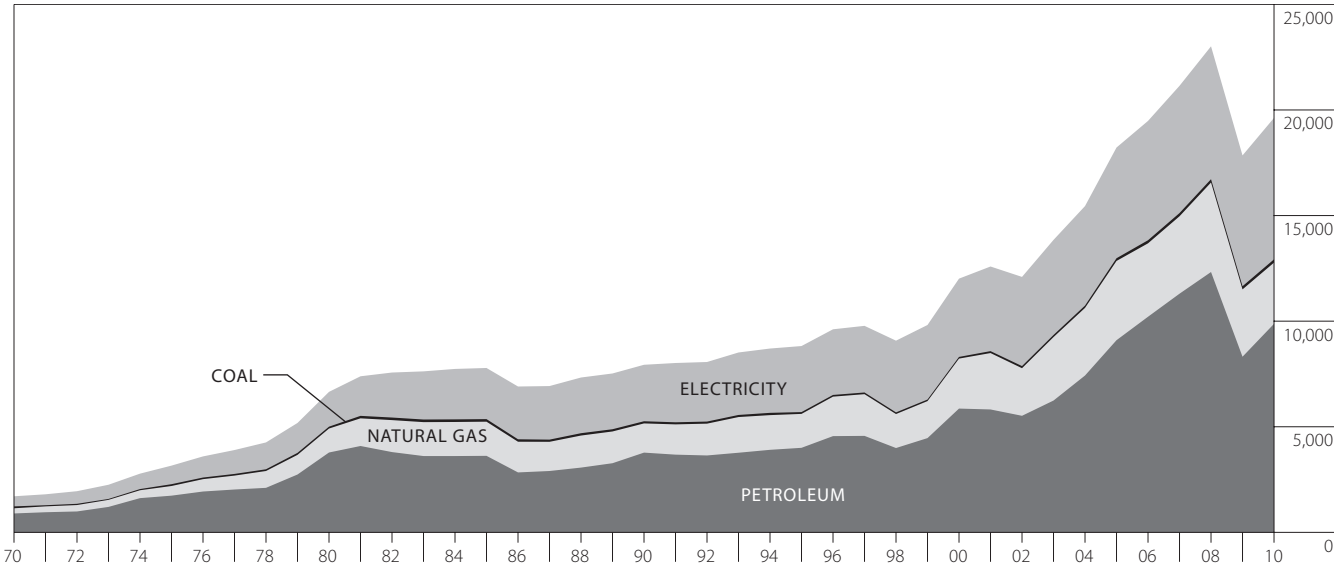
Wisconsin End-Use Energy Expenditures, by Type of Fuel

2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL



1970-2010 MILLIONS OF DOLLARS



Source: Wisconsin State Energy Office.

Wisconsin End-Use Energy Expenditures, by Type of Fuel

WISCONSIN'S OVERALL ENERGY BILL 10.0%

In 2010, Wisconsin's overall energy bill increased by 10.0 percent—from $17.85 billion in 2009 to $19.62 billion. This increase of $1.78 billion brings Wisconsin's energy expenditures to 2006 levels.

Expenditures increased for all fuels except natural gas. Petroleum increased by $1.56 billion (18.7 percent), coal by $5.6 million (3.8 percent), and electricity $504 million (8.1 percent). Natural Gas expenditures decreased by $290.3 million (9.1 percent). Since 2000, Wisconsin's total energy expenditures increased by $7.61 billion (63.4 percent).

The tables in this chapter show annual expenditures for the major energy resources used by Wisconsin's residential, commercial, industrial, agricultural and transportation sectors since 1970. Because consistent and reliable historic prices of wood, waste fuels and biogas are not available, expenditures for these fuels are excluded from the tables.

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Petroleum		Natural Gas		Coal		Electricity		Total
1970r	894.0	*52.4%*	244.6	*14.3%*	90.1	*5.3%*	477.6	*28.0%*	1,706.3
1975	1,734.2	*54.9%*	457.1	*14.5%*	86.2	*2.7%*	879.3	*27.9%*	3,156.7
1980	3,772.9	*56.8%*	1,133.8	*17.1%*	89.0	*1.3%*	1,648.0	*24.8%*	6,643.7
1985r	3,615.1	*46.5%*	1,616.8	*20.8%*	121.6	*1.6%*	2,420.9	*31.1%*	7,774.5
1990r	3,767.3	*47.5%*	1,381.6	*17.4%*	102.9	*1.3%*	2,674.5	*33.7%*	7,926.3
1995	3,999.2	*45.3%*	1,606.5	*18.2%*	85.6	*1.0%*	3,127.5	*35.5%*	8,818.8
1996r	4,555.4	*47.4%*	1,868.7	*19.4%*	81.3	*0.8%*	3,108.1	*32.3%*	9,613.5
1997r	4,568.1	*46.7%*	1,975.2	*20.2%*	80.3	*0.8%*	3,155.2	*32.3%*	9,778.8
1998r	3,993.1	*44.0%*	1,608.8	*17.7%*	78.3	*0.9%*	3,395.6	*37.4%*	9,075.9
1999r	4,463.3	*45.5%*	1,752.3	*17.8%*	74.3	*0.8%*	3,530.2	*35.9%*	9,820.1
2000r	5,861.3	*48.8%*	2,366.0	*19.7%*	80.1	*0.7%*	3,705.5	*30.8%*	12,012.9
2001r	5,819.3	*46.2%*	2,671.1	*21.2%*	90.9	*0.7%*	4,007.5	*31.8%*	12,588.8
2002r	5,518.9	*45.6%*	2,252.8	*18.6%*	101.5	*0.8%*	4,222.1	*34.9%*	12,095.4
2003r	6,240.6	*45.1%*	3,005.2	*21.7%*	98.7	*0.7%*	4,502.4	*32.5%*	13,846.9
2004r	7,426.2	*48.1%*	3,201.8	*20.7%*	109.2	*0.7%*	4,712.4	*30.5%*	15,449.6
2005	9,099.5	*49.9%*	3,752.3	*20.6%*	128.3	*0.7%*	5,241.7	*28.8%*	18,221.8
2006r	10,208.8	*52.4%*	3,476.0	*17.8%*	146.2	*0.8%*	5,650.4	*29.0%*	19,481.4
2007	11,300.4	*53.4%*	3,666.0	*17.3%*	151.7	*0.7%*	6,025.1	*28.5%*	21,143.2
2008r	12,327.2	*53.6%*	4,238.3	*18.4%*	155.8	*0.7%*	6,291.9	*27.3%*	23,013.2
2009r	8,315.9	*46.6%*	3,188.2	*17.9%*	149.6	*0.8%*	6,192.5	*34.7%*	17,846.2
2010p	**9,874.3**	***50.3%***	**2,897.9**	***14.8%***	**155.2**	***0.8%***	**6,696.7**	***34.1%***	**19,624.1**

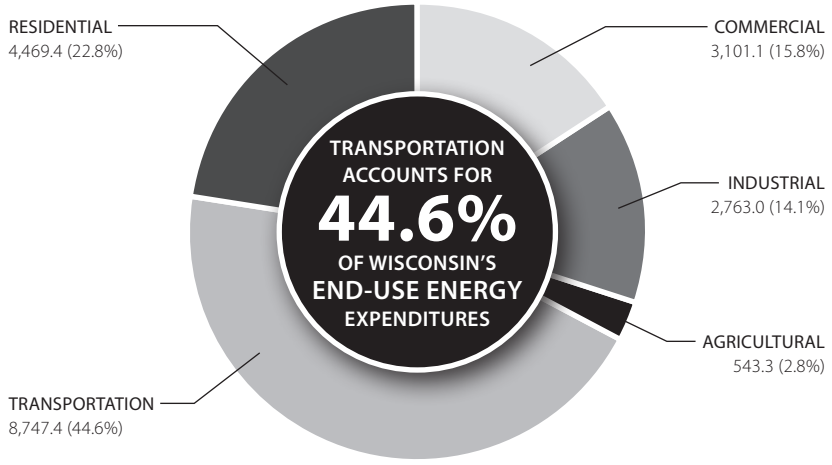
p Preliminary estimates.

r Revised due to revisions in price and consumption data.

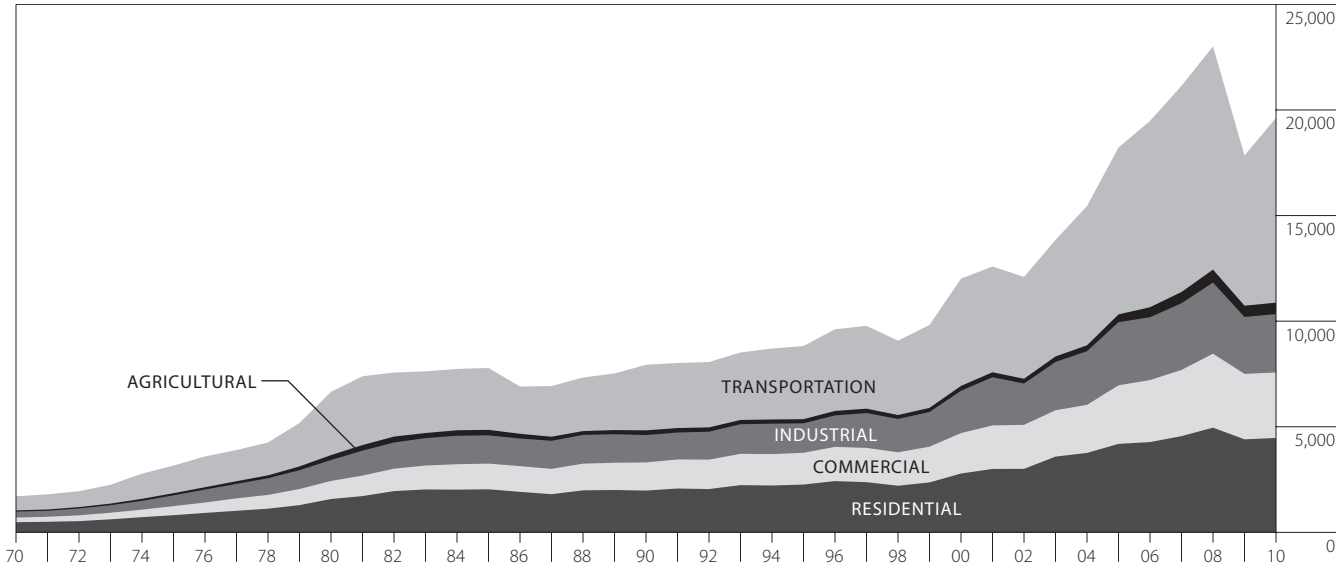
Source: Compiled from tables in this publication for Wisconsin petroleum, natural gas, coal and electricity use and prices, by economic sector.

Wisconsin End-Use Energy Expenditures, by Economic Sector

2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL



1970-2010 MILLIONS OF DOLLARS



Source: Wisconsin State Energy Office.

Wisconsin End-Use Energy Expenditures, by Economic Sector

WISCONSIN'S END-USE ENERGY EXPENDITURES INCREASED OR STAYED LEVEL IN ALL SECTORS

In 2010, end-use energy expenditures increased or stayed level in all sectors, with total expenditures increasing $1.78 billion or 10.0 percent.

Expenditures in the residential sector increased by $65.4 million (1.5 percent), in the industrial sector by $67.9 million (2.5 percent), in the agricultural sector by $10 million (1.9 percent), and the transportation sector saw an increase of $1.63 billion (23.0 percent). The commercial sector expenditures remained essentially level from 2009, with a comparably small $1 million increase.

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Residential		Commercial		Industrial		Agricultural		Transportation		Total
1970[r]	480.5	*28.2%*	217.9	*12.8%*	285.2	*16.7%*	58.7	*3.4%*	663.9	*38.9%*	1,706.3
1975	813.7	*25.8%*	428.4	*13.6%*	509.4	*16.1%*	104.2	*3.3%*	1,301.0	*41.2%*	3,156.7
1980	1,579.5	*23.8%*	855.2	*12.9%*	990.3	*14.9%*	232.7	*3.5%*	2,985.9	*44.9%*	6,643.7
1985[r]	2,039.2	*26.2%*	1,216.5	*15.6%*	1,338.2	*17.2%*	258.8	*3.3%*	2,921.8	*37.6%*	7,774.5
1990[r]	1,978.1	*25.0%*	1,333.0	*16.8%*	1,296.0	*16.4%*	222.8	*2.8%*	3,096.5	*39.1%*	7,926.3
1995	2,263.4	*25.7%*	1,504.6	*17.1%*	1,396.2	*15.8%*	195.2	*2.2%*	3,459.4	*39.2%*	8,818.8
1996[r]	2,428.4	*25.3%*	1,618.2	*16.8%*	1,490.1	*15.5%*	211.7	*2.2%*	3,865.1	*40.2%*	9,613.5
1997[r]	2,375.5	*24.3%*	1,625.1	*16.6%*	1,649.7	*16.9%*	206.2	*2.1%*	3,922.4	*40.1%*	9,778.8
1998[r]	2,207.7	*24.3%*	1,582.7	*17.4%*	1,580.3	*17.4%*	185.3	*2.0%*	3,519.9	*38.8%*	9,075.9
1999[r]	2,365.3	*24.1%*	1,691.7	*17.2%*	1,642.6	*16.7%*	194.2	*2.0%*	3,926.1	*40.0%*	9,820.1
2000[r]	2,785.8	*23.2%*	1,916.9	*16.0%*	2,000.2	*16.7%*	231.8	*1.9%*	5,078.0	*42.3%*	12,012.9
2001[r]	3,002.2	*23.8%*	2,062.3	*16.4%*	2,282.5	*18.1%*	232.4	*1.8%*	5,009.4	*39.8%*	12,588.8
2002[r]	3,006.5	*24.9%*	2,083.8	*17.2%*	1,956.8	*16.2%*	226.0	*1.9%*	4,822.2	*39.9%*	12,095.4
2003[r]	3,587.1	*25.9%*	2,194.5	*15.8%*	2,287.0	*16.5%*	260.6	*1.9%*	5,517.7	*39.8%*	13,846.9
2004[r]	3,761.6	*24.3%*	2,274.6	*14.7%*	2,541.6	*16.5%*	278.7	*1.8%*	6,593.1	*42.7%*	15,449.6
2005	4,189.8	*23.0%*	2,774.0	*15.2%*	2,989.3	*16.4%*	367.0	*2.0%*	7,901.8	*43.4%*	18,221.8
2006[r]	4,274.9	*21.9%*	2,936.4	*15.1%*	2,972.6	*15.3%*	476.0	*2.4%*	8,821.4	*45.3%*	19,481.4
2007	4,555.8	*21.5%*	3,135.4	*14.8%*	3,157.5	*14.9%*	532.8	*2.5%*	9,761.8	*46.2%*	21,143.2
2008[r]	4,957.5	*21.5%*	3,501.3	*15.2%*	3,367.3	*14.6%*	612.9	*2.7%*	10,574.2	*45.9%*	23,013.2
2009[r]	4,403.9	*24.7%*	3,100.0	*17.4%*	2,695.1	*15.1%*	533.2	*3.0%*	7,114.0	*39.9%*	17,846.2
2010[p]	**4,469.4**	***22.8%***	**3,101.1**	***15.8%***	**2,763.0**	***14.1%***	**543.3**	***2.8%***	**8,747.4**	***44.6%***	**19,624.1**

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin residential, commercial, industrial, agricultural and transportation energy use and prices, by type of fuel.

Wisconsin Resource Use Energy Expenditures, Estimated Dollars Leaving Wisconsin

Of all petroleum energy expenditures, 85 percent are estimated to leave the state because petroleum refining operations are not located in Wisconsin, with the exception of Murphy Oil in Superior. The 15 percent estimated to stay in the state is due to Wisconsin-based gasoline and diesel blenders and retailers, LP and heating oil businesses, and utility revenues. Natural Gas production occurs out-of-state and natural gas pipelines are owned by out-of-state companies. The 15 percent estimated to stay in Wisconsin is attributed to in-state natural gas distribution businesses, LP businesses, and utility revenues.

Ninety-five percent of all expenditures on coal leave Wisconsin because this is an out-of-state resource. The five percent of expenditures estimated to stay in-state are attributed to utility revenues. All of the expenditures on imported electricity are necessarily attributed to out-of-state expenditures because this electricity is purchased from generation sources not based in Wisconsin.

This page estimates the amount of money spent on energy in Wisconsin that leaves the state. In 2010, $12.86 billion left the state, comprising 65.5 percent of Wisconsin's $19.62 billion in end-use energy expenditures.

Like the other tables in this chapter, these dollar amounts do not include specific expenditures on renewable energy. The exceptions are where imported electricity is generated by renewable sources, and in-state ethanol sales.

1970-2010 MILLIONS OF DOLLARS

	Petroleum		Natural Gas		Coal		Imported Electricity		Total
Year	Expenditures	Expenditure Leaving State	Expenditures	Expenditure Leaving State	Expenditures	Expenditure Leaving State	Expenditures	Expenditure Leaving State	Expenditure Leaving State
1970r	900.3	765.3	257.6	219.0	177.1	168.2	-47.7	-47.7	1,104.8
1975r	1,753.8	1,490.7	473.3	402.3	273.5	259.8	-50.5	-50.5	2,102.3
1980r	3,804.9	3,234.2	1,175.3	999.0	476.9	453.1	-24.6	-24.6	4,661.6
1985r	3,630.9	3,086.3	1,622.6	1,379.2	693.4	658.8	-9.2	-9.2	5,115.1
1990r	3,781.2	3,214.0	1,388.7	1,180.4	585.4	556.1	417.4	417.4	5,367.9
1995r	4,006.1	3,405.2	1,628.8	1,384.5	555.8	528.0	583.4	583.4	5,901.1
1996r	4,561.8	3,877.5	1,891.0	1,607.3	546.4	519.1	372.4	372.4	6,376.3
1997r	4,575.3	3,889.0	2,038.2	1,732.5	583.9	554.7	602.1	602.1	6,778.3
1998r	3,999.8	3,399.8	1,672.7	1,421.8	558.6	530.7	518.6	518.6	5,870.8
1999r	4,471.5	3,800.8	1,816.6	1,544.1	543.1	516.0	489.0	489.0	6,349.9
2000r	5,871.2	4,990.5	2,461.0	2,091.9	560.9	532.8	495.9	495.9	8,111.1
2001r	5,827.6	4,953.5	2,778.0	2,361.3	586.1	556.8	654.2	654.2	8,525.8
2002r	5,530.1	4,700.6	2,327.3	1,978.2	604.3	574.1	557.9	557.9	7,810.9
2003r	6,248.6	5,311.3	3,147.8	2,675.6	637.3	605.4	510.7	510.7	9,103.0
2004r	7,437.3	6,321.7	3,339.4	2,838.5	672.2	638.6	572.1	572.1	10,370.9
2005r	9,121.9	7,753.6	4,267.9	3,627.7	735.3	698.5	825.1	825.1	12,905.0
2006r	10,229.6	8,695.2	3,799.5	3,229.6	828.4	787.0	582.6	582.6	13,294.3
2007r	11,331.5	9,631.8	4,073.9	3,462.8	928.9	882.5	910.0	910.0	14,887.1
2008r	12,349.9	10,497.4	4,618.2	3,925.5	1,111.4	1,055.9	834.2	834.2	16,313.0
2009r	8,323.1	7,074.6	3,386.2	2,878.3	1,027.8	976.5	817.9	817.9	11,747.3
2010p	**9,882.8**	**8,400.3**	**3,129.3**	**2,659.9**	**1,165.2**	**1,107.0**	**693.0**	**693.0**	**12,860.3**

p Preliminary estimates.

r Revised.

Source: Compiled from tables in this publication for Wisconsin petroleum, natural gas, coal and electricity use and prices, by economic sector.

Wisconsin Expenditures for Residential Energy, by Type of Fuel

WISCONSIN'S OVERALL RESIDENTIAL ENERGY EXPENDITURES 1.5%

In 2010, overall residential energy expenditures increased by 1.5 percent ($65.4 million) over 2009. Expenditures for all fuel types decreased, with the exception of electricity which saw a 10.4 percent increase.

Increases in electricity expenditures can be attributed to the increased use of air conditioning during the summer months. This corresponds to the increased number of Cooling Degree Days (CDD) in 2010. See the last chapter for additional information about CDDs.

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Petroleum		Natural Gas		Coal		Electricity		Total[a]
1970	142.6	*29.7%*	130.5	*27.2%*	15.5	*3.2%*	191.9	*39.9%*	480.5
1975	250.5	*30.8%*	209.4	*25.7%*	11.8	*1.5%*	342.0	*42.0%*	813.7
1980	483.8	*30.6%*	472.4	*29.9%*	9.0	*0.6%*	614.4	*38.9%*	1,579.5
1985	393.6	*19.3%*	749.6	*36.8%*	3.8	*0.2%*	892.2	*43.8%*	2,039.2
1990	342.9	*17.3%*	653.6	*33.0%*	1.3	*0.1%*	980.2	*49.6%*	1,978.1
1995	282.7	*12.5%*	791.9	*35.0%*	1.1	*0.0%*	1,187.7	*52.5%*	2,263.4
1996	357.9	*14.7%*	892.9	*36.8%*	1.0	*0.0%*	1,176.5	*48.4%*	2,428.4
1997	336.1	*14.1%*	873.3	*36.8%*	1.0	*0.0%*	1,165.1	*49.0%*	2,375.5
1998	237.8	*10.8%*	712.7	*32.3%*	0.9	*0.0%*	1,256.3	*56.9%*	2,207.7
1999	265.3	*11.2%*	787.7	*33.3%*	0.8	*0.0%*	1,311.6	*55.4%*	2,365.3
2000	394.1	*14.1%*	1,020.6	*36.6%*	0.7	*0.0%*	1,370.4	*49.2%*	2,785.8
2001	402.8	*13.4%*	1,098.5	*36.6%*	0.7	*0.0%*	1,500.2	*50.0%*	3,002.2
2002	358.9	*11.9%*	1,008.4	*33.5%*	0.7	*0.0%*	1,638.5	*54.5%*	3,006.5
2003[r]	416.6	*11.6%*	1,317.6	*36.7%*	0.6	*0.0%*	1,852.3	*51.6%*	3,587.1
2004[r]	472.1	*12.5%*	1,373.4	*36.5%*	0.6	*0.0%*	1,915.6	*50.9%*	3,761.6
2005	558.9	*13.3%*	1,564.5	*37.3%*	0.6	*0.0%*	2,065.8	*49.3%*	4,189.8
2006	628.2	*14.7%*	1,467.6	*34.3%*	0.5	*0.0%*	2,178.6	*51.0%*	4,274.9
2007	646.0	*14.2%*	1,577.3	*34.6%*	0.4	*0.0%*	2,332.0	*51.2%*	4,555.8
2008	741.7	*15.0%*	1,800.3	*36.3%*	0.0	*0.0%*	2,415.5	*48.7%*	4,957.5
2009[r]	528.5	*12.0%*	1,432.8	*32.5%*	0.0	*0.0%*	2,442.7	*55.5%*	4,403.9
2010[p]	**493.7**	***11.0%***	**1,278.3**	***28.6%***	**0.0**	***0.0%***	**2,697.4**	***60.4%***	**4,469.4**

a Does not include renewable energy, except those renewable fuels used in electricity production.

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin residential energy use and prices.

Wisconsin Expenditures for Commercial Energy, by Type of Fuel

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Petroleum		Natural Gas		Coal		Electricity		Total[a]
1970[r]	34.7	*15.9%*	34.6	*15.9%*	11.5	*5.3%*	137.1	*62.9%*	217.9
1975	70.8	*16.5%*	73.5	*17.2%*	11.0	*2.6%*	273.0	*63.7%*	428.4
1980	82.4	*9.6%*	210.6	*24.6%*	6.8	*0.8%*	555.4	*64.9%*	855.2
1985[r]	91.9	*7.6%*	307.4	*25.3%*	9.3	*0.8%*	807.9	*66.4%*	1,216.5
1990[r]	90.0	*6.8%*	314.8	*23.6%*	8.2	*0.6%*	920.0	*69.0%*	1,333.0
1995	73.7	*4.9%*	381.8	*25.4%*	6.2	*0.4%*	1,042.8	*69.3%*	1,504.6
1996[r]	96.3	*6.0%*	458.4	*28.3%*	7.8	*0.5%*	1,055.8	*65.2%*	1,618.2
1997[r]	85.6	*5.3%*	474.5	*29.2%*	7.7	*0.5%*	1,057.3	*65.1%*	1,625.1
1998[r]	57.6	*3.6%*	382.2	*24.2%*	7.9	*0.5%*	1,134.9	*71.7%*	1,582.7
1999[r]	66.5	*3.9%*	395.3	*23.4%*	8.0	*0.5%*	1,221.9	*72.2%*	1,691.7
2000[r]	104.1	*5.4%*	513.9	*26.8%*	8.0	*0.4%*	1,290.8	*67.3%*	1,916.9
2001[r]	104.3	*5.1%*	579.0	*28.1%*	8.6	*0.4%*	1,370.3	*66.4%*	2,062.3
2002[r]	91.8	*4.4%*	525.4	*25.2%*	8.8	*0.4%*	1,457.8	*70.0%*	2,083.8
2003[r]	92.2	*4.2%*	695.2	*31.7%*	9.2	*0.4%*	1,397.9	*63.7%*	2,194.5
2004[r]	104.7	*4.6%*	715.4	*31.5%*	10.0	*0.4%*	1,444.5	*63.5%*	2,274.6
2005	182.8	*6.6%*	894.0	*32.2%*	12.2	*0.4%*	1,684.9	*60.7%*	2,774.0
2006[r]	174.0	*5.9%*	888.0	*30.2%*	13.6	*0.5%*	1,860.8	*63.4%*	2,936.4
2007	194.4	*6.2%*	923.3	*29.4%*	11.6	*0.4%*	2,006.1	*64.0%*	3,135.4
2008[r]	272.5	*7.8%*	1,087.6	*31.1%*	8.9	*0.3%*	2,132.4	*60.9%*	3,501.3
2009[r]	168.8	*5.4%*	819.4	*26.4%*	6.8	*0.2%*	2,104.9	*67.9%*	3,100.0
2010[p]	**145.2**	***4.7%***	**701.4**	***22.6%***	**7.7**	***0.2%***	**2,246.9**	***72.5%***	**3,101.1**

a Does not include renewable energy, except those renewable fuels used in electricity production.

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin commercial energy use and prices.

WISCONSIN EXPENDITURES FOR COMMERCIAL ENERGY STAYED LEVEL

In 2010, commercial sector energy expenditures were essentially level with 2009 figures, with a slight increase of $1 million. Commercial energy expenditures are dominated (72.5 percent) by electricity used for lighting, cooling, ventilation and office equipment.

Increases in electricity expenditures can be attributed to the increased use of air conditioning during the summer months. This corresponds to the increased number of Cooling Degree Days (CDD) in 2010. See the last chapter for additional information about CDDs.

Wisconsin Expenditures for Industrial Energy, by Type of Fuel

WISCONSIN EXPENDITURES FOR INDUSTRIAL ENERGY 2.5%

In 2010, industrial energy expenditures increased 2.5 percent ($67.87 million). Industrial energy use is dominated by electricity (58.1 percent) and natural gas (33.2 percent). Electricity expenditures increased by 6.6 percent ($99.6 million) while natural gas expenditures decreased by 1.9 percent ($17.7 million). Of the other fuels used in the industrial sector, coal saw an increase in expenditures of 3.4 percent ($4.8 million) while petroleum saw a decrease of 17.2 percent ($18.8 million).

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Petroleum		Natural Gas		Coal		Electricity		Total[a]
1970[r]	18.7	*6.5%*	79.4	*27.8%*	63.1	*22.1%*	124.0	*43.5%*	285.2
1975	46.7	*9.2%*	174.2	*34.2%*	63.4	*12.4%*	225.1	*44.2%*	509.4
1980	64.1	*6.5%*	450.8	*45.5%*	73.2	*7.4%*	402.1	*40.6%*	990.3
1985[r]	59.3	*4.4%*	559.9	*41.8%*	108.5	*8.1%*	610.6	*45.6%*	1,338.2
1990[r]	110.9	*8.6%*	413.2	*31.9%*	93.5	*7.2%*	678.5	*52.4%*	1,296.0
1995	80.4	*5.8%*	432.8	*31.0%*	78.3	*5.6%*	804.8	*57.6%*	1,396.2
1996[r]	114.5	*7.7%*	517.4	*34.7%*	72.5	*4.9%*	785.8	*52.7%*	1,490.1
1997[r]	106.0	*6.4%*	627.4	*38.0%*	71.7	*4.3%*	844.6	*51.2%*	1,649.7
1998[r]	84.5	*5.3%*	513.9	*32.5%*	69.5	*4.4%*	912.5	*57.7%*	1,580.3
1999[r]	102.9	*6.3%*	569.2	*34.7%*	65.5	*4.0%*	905.0	*55.1%*	1,642.6
2000[r]	147.0	*7.3%*	831.4	*41.6%*	71.3	*3.6%*	950.5	*47.5%*	2,000.2
2001[r]	168.6	*7.4%*	993.7	*43.5%*	81.6	*3.6%*	1,038.7	*45.5%*	2,282.5
2002	121.0	*6.2%*	719.0	*36.7%*	92.0	*4.7%*	1,024.8	*52.4%*	1,956.8
2003[r]	64.7	*2.8%*	992.4	*43.4%*	88.9	*3.9%*	1,141.0	*49.9%*	2,287.0
2004[r]	86.3	*3.4%*	1,113.0	*43.8%*	98.6	*3.9%*	1,243.7	*48.9%*	2,541.6
2005	212.1	*7.1%*	1,293.9	*43.3%*	115.5	*3.9%*	1,367.8	*45.8%*	2,989.3
2006	241.0	*8.1%*	1,120.4	*37.7%*	132.0	*4.4%*	1,479.2	*49.8%*	2,972.6
2007	285.6	*9.0%*	1,165.4	*36.9%*	139.7	*4.4%*	1,566.9	*49.6%*	3,157.5
2008[r]	263.8	*7.8%*	1,350.4	*40.1%*	147.0	*4.4%*	1,606.1	*47.7%*	3,367.3
2009[r]	109.5	*4.1%*	936.0	*34.7%*	142.7	*5.3%*	1,506.8	*55.9%*	2,695.1
2010[p]	**90.7**	***3.3%***	**918.3**	***33.2%***	**147.5**	***5.3%***	**1,606.5**	***58.1%***	**2,763.0**

a Does not include renewable energy, except those renewable fuels used in electricity production.

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin industrial energy use and prices.

Wisconsin Expenditures for Agricultural Energy, by Type of Fuel

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Motor Gasoline	Diesel Fuel[a]	LPG	Other Fuel[b]	Total Petroleum		Electricity		Total[c]
1970	19.1	9.8	5.2		34.1	*58.1%*	24.6	*41.9%*	58.7
1975	30.1	24.1	10.8		65.1	*62.5%*	39.1	*37.5%*	104.2
1980	39.0	94.8	22.9		156.7	*67.3%*	76.0	*32.7%*	232.7
1985	22.4	98.3	27.8		148.5	*57.4%*	110.3	*42.6%*	258.8
1990	11.8	93.3	21.9		127.1	*57.0%*	95.7	*43.0%*	222.8
1995[r]	8.3	72.0	22.7		103.0	*52.8%*	92.2	*47.2%*	195.2
1996	8.1	79.7	33.9		121.7	*57.5%*	90.0	*42.5%*	211.7
1997	8.0	79.2	30.8		118.0	*57.2%*	88.2	*42.8%*	206.2
1998	7.0	68.1	18.4		93.4	*50.4%*	91.9	*49.6%*	185.3
1999	7.6	74.0	21.0		102.5	*52.8%*	91.7	*47.2%*	194.2
2000	8.8	102.0	27.2		138.0	*59.5%*	93.8	*40.5%*	231.8
2001	8.6	96.6	28.9		134.2	*57.7%*	98.3	*42.3%*	232.4
2002	8.3	92.3	24.3		125.0	*55.3%*	101.0	*44.7%*	226.0
2003[r]	9.7	112.2	27.5		149.4	*57.3%*	111.2	*42.7%*	260.6
2004	10.9	126.5	32.6		170.0	*61.0%*	108.7	*39.0%*	278.7
2005	72.6	130.7	36.5	4.0	243.8	*66.4%*	123.2	*33.6%*	367.0
2006	68.1	224.0	47.1	5.1	344.3	*72.3%*	131.7	*27.7%*	476.0
2007	84.9	269.0	53.7	5.1	412.7	*77.5%*	120.1	*22.5%*	532.8
2008[r]	77.6	320.4	71.2	5.8	475.0	*77.5%*	137.9	*22.5%*	612.9
2009	70.1	247.1	67.4	10.5	395.1	*74.1%*	138.1	*25.9%*	533.2
2010[p]	**69.2**	**270.6**	**53.0**	**4.3**	**397.3**	***73.1%***	**146.0**	***26.9%***	**543.3**

a Includes fuel oil and kerosene.

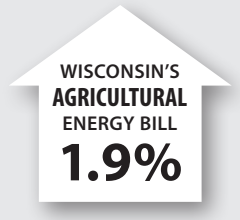
b The fuel is primarily distillate and kerosene, but may include small amounts of coal and wood.

c Does not include renewable energy, except those renewable fuels used in electricity production.

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin agricultural energy use and prices.



Wisconsin's agricultural energy expenditures increased by 1.9 percent, $10 million, over 2009.

Wisconsin Expenditures for Transportation Energy, by Type of Fuel

WISCONSIN'S TRANSPORTATION ENERGY BILL
23.0%

Wisconsin's transportation energy bill increased 23.0 percent ($1.63 billion dollars) over 2009. Vehicle gasoline accounts for 73.9 percent of all transportation expenditures, costing motorists $6.47 billion.

1970-2010 MILLIONS OF DOLLARS AND PERCENT OF TOTAL

Year	Vehicle Gasoline[a]		Diesel Fuel		Aviation Gasoline		Jet Fuel		Middle Distillate		Total
1970	626.2	*94.3%*	23.0	*3.5%*	2.4	*0.4%*	5.9	*0.9%*	6.3	*1.0%*	663.9
1975	1,187.1	*91.2%*	74.4	*5.7%*	4.5	*0.3%*	21.2	*1.6%*	13.8	*1.1%*	1,301.0
1980	2,531.3	*84.8%*	335.7	*11.2%*	8.4	*0.3%*	72.7	*2.4%*	37.8	*1.3%*	2,985.9
1985[r]	2,369.2	*81.1%*	470.2	*16.1%*	5.2	*0.2%*	52.6	*1.8%*	24.6	*0.8%*	2,921.8
1990[r]	2,429.2	*78.5%*	570.9	*18.4%*	5.3	*0.2%*	68.0	*2.2%*	23.1	*0.7%*	3,096.5
1995[r]	2,661.8	*76.9%*	724.5	*20.9%*	5.6	*0.2%*	45.0	*1.3%*	22.6	*0.7%*	3,459.4
1996[r]	2,974.6	*77.0%*	798.0	*20.6%*	6.0	*0.2%*	57.3	*1.5%*	29.1	*0.8%*	3,865.1
1997[r]	3,006.1	*76.6%*	830.4	*21.2%*	6.1	*0.2%*	55.0	*1.4%*	24.7	*0.6%*	3,922.4
1998[r]	2,692.2	*76.5%*	761.4	*21.6%*	5.3	*0.2%*	41.6	*1.2%*	19.4	*0.5%*	3,519.9
1999[r]	2,993.6	*76.2%*	852.1	*21.7%*	6.0	*0.2%*	49.3	*1.3%*	25.1	*0.6%*	3,926.1
2000[r]	3,850.2	*75.8%*	1,101.7	*21.7%*	8.0	*0.2%*	81.3	*1.6%*	36.8	*0.7%*	5,078.0
2001[r]	3,842.3	*76.7%*	1,054.9	*21.1%*	7.5	*0.1%*	70.3	*1.4%*	34.4	*0.7%*	5,009.4
2002[r]	3,718.4	*77.1%*	997.5	*20.7%*	5.6	*0.1%*	69.1	*1.4%*	31.6	*0.7%*	4,822.2
2003[r]	4,284.1	*77.6%*	1,113.4	*20.2%*	5.7	*0.1%*	80.8	*1.5%*	33.8	*0.6%*	5,517.7
2004[r]	5,034.0	*76.4%*	1,387.8	*21.0%*	6.7	*0.1%*	118.7	*1.8%*	45.9	*0.7%*	6,593.1
2005	5,946.8	*75.3%*	1,684.1	*21.3%*	8.6	*0.1%*	194.6	*2.5%*	67.8	*0.9%*	7,901.8
2006	6,550.7	*74.3%*	1,964.8	*22.3%*	8.7	*0.1%*	214.2	*2.4%*	83.1	*0.9%*	8,821.4
2007	7,348.0	*75.3%*	2,083.0	*21.3%*	8.0	*0.1%*	218.9	*2.2%*	103.8	*1.1%*	9,761.8
2008[r]	7,469.2	*70.6%*	2,662.3	*25.2%*	9.0	*0.1%*	322.7	*3.1%*	111.1	*1.1%*	10,574.2
2009[r]	5,365.2	*75.4%*	1,528.7	*21.5%*	6.0	*0.1%*	156.3	*2.2%*	57.8	*0.8%*	7,114.0
2010[p]	**6,468.3**	***73.9%***	**1,982.4**	***22.7%***	**7.1**	***0.1%***	**220.7**	***2.5%***	**69.0**	***0.8%***	**8,747.4**

a Includes ethanol.

p Preliminary estimates.

r Revised due to revisions in price and consumption data.

Source: Compiled from tables in this publication for Wisconsin transportation energy use and prices.